

**CONTRIBUTED PAPERS: ENERGY**

**Friday, 11 April 8:30am-10:00am**

**UNM SUB Room: Spirit/Trailblazer**

**Session Chair: Carl Axness**

8:30 Baca, A. Michael\* (MDL Enterprises), Don Wichers (MDL Enterprises), and Luis Ortiz (MDL Enterprises)

UTILIZING SMALL FORM FACTOR, WIND DRIVEN, ELECTRICAL GENERATION DEVICES FOR RESIDENTIAL AND MOBILE APPLICATIONS

8:45 Axness, Carl (Sandia National Laboratories)

BUILDING AN OFF-GRID, PASSIVE AND PV SOLAR, SUSTAINABLE HOME IN RIO RANCHO, NM

9:00 Al-Shudeifat, Mohammad Ameen\* (New Mexico State University) and A. B.

Donaldson (Sandia National Laboratory)

TESTING TRAP-GREASE OIL IN 150KW GAS TURBINE

9:15 Gómez, Stephen M. (Pocagua Consulting)

BIODIESEL WITH UNIQUE PROPERTIES MADE FROM CASTOR OIL

9:30 Ibragimov, Ranis N. (New Mexico Institute of Mining and Technology)

EVOLUTION OF THE ENERGY SPECTRUM AMONG A LARGE NUMBER OF INTERNAL WAVES IN THE DEEP OCEAN

9:45 Discussion/Networking